Shell **Helix Ultra** *0W-40*

WITH Shell PUREPLUS TECHNOLOGY

Fully synthetic motor oil - Shell's most advanced formulation for high performance engines

Shell Helix Ultra powered by PurePlus Technology ensures nothing gets in the way of keeping your engine strong. Unleash your engine's true power for ultimate strength and responsiveness.

Proud Drivers Choose Shell Helix

Performance, Features & Benefits

- **Shell's ultimate Active Cleansing Technology**

  Helps to protect high-performance engines from power- and performance-robbing deposits.

- **Superior wear protection** [1]

  Helps to extend engine life by protecting engine component surfaces from wear.

- **Active clean-up**

  Helps to remove sludge left behind by inferior oils [2]

- **Low-evaporation formulation** [3]

  Low oil consumption for less frequent top-up.

- **Exceptional low-temperature performance**

  Easier starting in cold weather; faster oil flow for quicker engine warm-up [4]

- **Approved by car manufacturers**

  Approved for use by numerous makers of high-performance vehicles and recommended by Ferrari.

- **Multi-fuel capability**

  Can be used for gasoline, diesel and gas engines, and is also suitable for biodiesel and gasoline/ethanol blends.

- **Low Speed Pre-Ignition Protection (LSPI)**

  The latest highly rated turbocharged gasoline direct injection engines can be vulnerable to damaging LSPI events resulting from uncontrolled ignition of the fuel.

1 Based on Sequence IVB and Sequence VIII engine tests carried out at an independent laboratory.

2 Based on a severe sludge clean-up test.

3 Based on NOACK volatility test and equipment manufacturers' requirements.

4 Compared to higher viscosity oils.

Main Applications

- Shell Helix Ultra's fully synthetic formulation offers Shell's maximum protection in very hot and extremely cold climates, and severe driving conditions. Shell Helix Ultra can be used for modern gasoline engines, diesel engines (without particulate filters) and gas engines, and it is also suitable for use with biodiesel and gasoline/ethanol blends.
- It is also suitable for use in modern direct injection turbocharged gasoline engines where it provides protection against damaging low-speed pre-ignition (LSPI).
- Also suitable for use with many hybrid vehicles

Specifications, Approvals & Recommendations

- API SQ
- ACEA A3/B3, A3/B4
- MB-Approval 229.5, 226.5
- VW Standard 502.00, 505.00
- Renault RN 0700, RN 0710

To find the right Shell Helix product for your vehicles and equipment, please consult Shell LubeMatch at: http://lubematch.shell.com

Advice on applications not covered here may be obtained from your Shell or Shell Lubricants distributor representatives or technical helpdesks.

Typical Physical Characteristics

Properties			Method	Shell Helix Ultra 0W-40
Density	@15°C	kg/m³	ASTM D4052	839
Kinematic Viscosity	@40°C	cSt	ASTM D445	74.2
Kinematic Viscosity	@100°C	cSt	ASTM D445	13.1
Flash Point		°C	ASTM D92	230
Pour Point		°C	ASTM D97	-42

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

  Shell Helix Ultra is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

  Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

  Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from https://www.epc.shell.com/

- **Protect the Environment**

  Take used oil to an authorised collection point. Do not discharge into drains, soil or water.